

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	61	("20010035902" "20020032366" "20020042562" "20020089595" "20020103417" "20020103439" "20020107444" "20020109744" "20020123325" "20020173700" "20020198470" "20030020810" "20030060683" "20030117491" "20030130562" "20030171653" "20030195415" "20030222223" "20040027459" "20040032187" "20040054278" "20040073267" "20040087832" "20040092825" "20040106849" "20040111011" "20040249245" "20040254455" "3456134" "4177800" "4585456" "4928172" "5177670" "5258025" "5318557" "5603328" "5604531" "5876339" "5965875" "6025873" "6049094" "6057909" "6169318" "6192267" "6240312" "6261226" "6286400" "6300612" "6348411" "6425858" "6428469" "6632175" "6709387" "6749633" "6771007" "6828908" "6885818")	US-PGPUB; USPAT	AND	OFF	2007/01/22 14:49

		"6895270" "6904308" "7041493" "7044908").PN.				
S2	162291	ultrasound or ultrasonic \$4	US-PGPUB; USPAT	AND	OFF	2007/01/22 14:50
S3	13	S1 S2	US-PGPUB; USPAT	AND	OFF	2007/01/22 14:50
S4	285600	ultrasound or ultrasonic \$4 tranduc\$3 acoustic \$4	US-PGPUB; USPAT	OR	OFF	2007/01/22 14:51
S5	17	S1 and S4	US-PGPUB; USPAT	OR	OFF	2007/01/22 14:52
S6	50294	transfer adj2 function\$1	US-PGPUB; USPAT	OR	OFF	2007/01/26 13:35
S7	81844	catheter\$1	US-PGPUB; USPAT	OR	OFF	2007/01/22 14:51
S8	0	S5 S6 S7	US-PGPUB; USPAT	AND	OFF	2007/01/22 14:51
S9	50311	S5 S6	US-PGPUB; USPAT	OR	OFF	2007/01/22 14:52
S10	0	S5 S6	US-PGPUB; USPAT	AND	OFF	2007/01/22 14:52
S11	3	S5 S7	US-PGPUB; USPAT	AND	OFF	2007/01/22 14:52
S12	50341	transfer adj2 function\$1	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:28
S13	1438288	backscatter\$3 or response\$1	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:27
S14	285807	ultrasound or ultrasonic \$4 tranduc\$3 acoustic \$4	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:27
S15	28102	S14 same S13	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:27
S16	0	vacular adj tissue	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:28
S17	108934	vascula\$5	US-PGPUB; USPAT	OR	OFF	2007/01/25 13:33
S18	1661	S15 and S17	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:28
S19	973699	imag\$3	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:29
S20	1292	S18 and S19	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:29
S21	81897	catheter\$1	US-PGPUB; USPAT	OR	OFF	2007/01/24 13:29
S22	811	S20 S21	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:29

S23	83340	filter\$3 with noise	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:30
S24	51	S22 S23	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:31
S25	4317	second adj2 ultraso\$3	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:31
S26	5	S24 S25	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:56
S27	94398	(already or previously) near3 stored	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:59
S28	4	S27 same histology	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:57
S29	1	S24 S28	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:57
S30	3	S24 S27	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:58
S31	1397269	stored	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:59
S32	2319975	compar\$4	US-PGPUB; USPAT	AND	OFF	2007/01/24 13:59
S33	37	S24 S31 S32	US-PGPUB; USPAT	AND	OFF	2007/01/24 14:10
S34	1759	(estimat\$3 or forcast \$3) with ultraso\$3	US-PGPUB; USPAT	AND	OFF	2007/01/24 14:10
S35	8	S33 S34	US-PGPUB; USPAT	AND	OFF	2007/01/25 13:32
S36	2201	estimat\$3 with (transfer adj2 function\$1)	US-PGPUB; USPAT	AND	OFF	2007/01/25 13:32
S37	286222	ultrasound or ultrasonic \$4 tranduc\$3 acoustic \$4	US-PGPUB; USPAT	OR	OFF	2007/01/25 13:32
S38	595	S36 S37	US-PGPUB; USPAT	AND	OFF	2007/01/25 13:33
S40	116838	vascula\$5 intravascula \$5	US-PGPUB; USPAT	OR	OFF	2007/01/25 13:33
S41	7	S38 and S40	US-PGPUB; USPAT	OR	OFF	2007/01/25 13:33
S42	2043455	estimat\$3 or approximat \$3	US-PGPUB; USPAT	OR	OFF	2007/01/26 13:35
S43	50410	transfer adj2 function\$1	US-PGPUB; USPAT	OR	OFF	2007/01/26 13:35
S44	4839	S42 with S43	US-PGPUB; USPAT	OR	OFF	2007/01/26 13:35
S45	286222	ultrasound or ultrasonic \$4 tranduc\$3 acoustic \$4	US-PGPUB; USPAT	OR	OFF	2007/01/26 13:35

S46	286222	S45	US-PGPUB; USPAT	OR	OFF	2007/01/26 13:35
S47	82049	catheter\$1	US-PGPUB; USPAT	OR	OFF	2007/01/26 16:08
S48	82049	S47	US-PGPUB; USPAT	OR	OFF	2007/01/26 13:36
S49	38	S44 S45 S47	US-PGPUB; USPAT	AND	OFF	2007/01/26 13:36
S50	1	"5217456".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/26 16:43
S52	5	("5183048" "5601082" "5993393" "6036650" "6254543").pn.	US-PGPUB; USPAT	OR	OFF	2007/01/29 11:15
S53	5	S47 and S52	US-PGPUB; USPAT	OR	OFF	2007/01/26 16:46
S54	11934	backscatter\$3	US-PGPUB; USPAT	OR	OFF	2007/01/26 16:47
S55	0	S53 and S54	US-PGPUB; USPAT	OR	OFF	2007/01/26 16:47
S56	2	("5921934" "6038468"). pn.	US-PGPUB; USPAT	OR	OFF	2007/01/26 17:25
S59	802	calibrat\$3 with catheter	US-PGPUB; USPAT	OR	OFF	2007/01/29 11:21
S60	1856	(600/437 or 73/1.82). ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/29 11:22
S61	286222	ultrasound or ultrasonic \$4 tranduc\$3 acoustic \$4	US-PGPUB; USPAT	OR	OFF	2007/01/29 11:26
S62	1590	S60 and S61	US-PGPUB; USPAT	OR	OFF	2007/01/29 11:26
S63	73725	catheter	US-PGPUB; USPAT	OR	OFF	2007/01/29 11:27
S64	200	S62 S63	US-PGPUB; USPAT	AND	OFF	2007/01/29 11:27
S65	250261	calibrat\$3	US-PGPUB; USPAT	AND	OFF	2007/01/29 11:27
S66	43	S64 S65	US-PGPUB; USPAT	AND	OFF	2007/01/29 14:37
S67	44943	"382".clas.	US-PGPUB; USPAT	AND	OFF	2007/01/29 14:37
S68	2	S67 S66	US-PGPUB; USPAT	AND	OFF	2007/01/29 14:37
S69	2203	(600/437 or 73/1.82). ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/16 17:56
S70	391454	catheter or probe	US-PGPUB; USPAT	OR	ON	2008/06/16 17:57

S71	230107	ultraso\$9	US-PGPUB; USPAT	OR	ON	2008/06/16 17:57
S72	1270	S69 S70 S71	US-PGPUB; USPAT	AND	ON	2008/06/16 17:57
S73	532434	vessel or vascula\$4	US-PGPUB; USPAT	AND	ON	2008/06/16 17:57
S74	484	S72 and S73	US-PGPUB; USPAT	AND	ON	2008/06/16 17:57
S75	58508	transfer adj2 function\$1	US-PGPUB; USPAT	OR	OFF	2008/06/16 17:58
S76	25	S74 and S75	US-PGPUB; USPAT	OR	OFF	2008/06/16 17:59
S77	212709	transducer	US-PGPUB; USPAT	OR	ON	2008/06/16 17:59
S78	24	S76 and S77	US-PGPUB; USPAT	OR	ON	2008/06/16 17:59
S79	608142	noise	US-PGPUB; USPAT	OR	ON	2008/06/16 17:59
S80	12	S78 and S79	US-PGPUB; USPAT	OR	ON	2008/06/16 17:59
S81	292174	calibrat\$4	US-PGPUB; USPAT	OR	ON	2008/06/16 18:04
S82	6	S80 and S81	US-PGPUB; USPAT	OR	ON	2008/06/16 18:05
S83	64105	transfer adj2 function\$1	US-PGPUB; USPAT	OR	OFF	2009/05/19 12:22
S84	107078	catheter\$1	US-PGPUB; USPAT	OR	OFF	2009/05/19 12:22
S85	64105	transfer adj2 function\$1	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:00
S86	107078	catheter\$1	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:00
S87	30	S86 with S85	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:01
S88	648311	noise	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:01
S89	11	S87 and S88	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:01
S90	388	S86 and S85 and noise	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:12
S91	2428	(600/437 or 73/1.82). ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:13
S92	9528	(calculat\$3 determin\$3 estimat\$3) near5 S85	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:14
S93	123	S86 and S92 and S88	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:15

S94	254604	ultraso\$9	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:16
S95	52	S93 and S94	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:16
S96	31	("20010014774" "20030028118" "20030092993" "4228804" "4511984" "4561019" "4575799" "4858124" "5235984" "5363850" "5417215" "5445155" "5485845" "5724972" "5876343" "5885218" "5938607" "5957138" "6050946" "6095976" "6106460" "6106465" "6120445" "6152878" "6217517" "6238342" "6287259" "6306089" "6335980" "6454202" "6544187").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:27
S97	4	S85 and S96	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:27
S98	16	(transfer adj2 function \$1) near4 S86	US-PGPUB; USPAT	OR	OFF	2009/05/19 15:35
S99	64105	transfer adj2 function\$1	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:05
S100	5614	(calculat\$3 determin\$3 estimat\$3) adj3 S99	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:05
S101	254604	ultraso\$9	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:05
S102	107078	catheter\$1	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:05
S103	34	S100 and S101 and S102	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:05
S104	964	600/439.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:08
S105	1	"6200268".pn.	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:14

S106	31	("20010014774" "20030028118" "20030092993" "4228804" "4511984" "4561019" "4575799" "4858124" "5235984" "5363850" "5417215" "5445155" "5485845" "5724972" "5876343" "5885218" "5938607" "5957138" "6050946" "6095976" "6106460" "6106465" "6120445" "6152878" "6217517" "6238342" "6287259" "6306089" "6335980" "6454202" "6544187").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:16
S107	4	S99 and S106	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:16
S108	16	(transfer adj2 function \$1) near4 catheter	US-PGPUB; USPAT	OR	OFF	2009/05/19 18:22
S109	15	("5582171" "5885218" "6019726" "6095976" "6102862" "6120445").PN. OR ("6200268").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 18:31
S110	112324	noise with filter\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 18:31
S111	648311	noise	US-PGPUB; USPAT	OR	OFF	2009/05/19 19:15
S112	10	S106 and S111	US-PGPUB; USPAT	OR	OFF	2009/05/19 19:15
S113	330	128/916.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/20 11:13
S114	989	600/424.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/20 11:13
S115	8	"6038468"	US-PGPUB; USPAT	OR	OFF	2009/05/20 11:15

S116	31	("20010014774" "20030028118" "20030092993" "4228804" "4511984" "4561019" "4575799" "4858124" "5235984" "5363850" "5417215" "5445155" "5485845" "5724972" "5876343" "5885218" "5938607" "5957138" "6050946" "6095976" "6106460" "6106465" "6120445" "6152878" "6217517" "6238342" "6287259" "6306089" "6335980" "6454202" "6544187").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/20 11:15
S117	0	S115 and S116	US-PGPUB; USPAT	OR	OFF	2009/05/20 11:15
S118	204	73/584.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:45
S119	1475	600/443.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:46
S120	84	600/444.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:46
S121	145	600/446.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:46
S122	2499	600/407.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:47
S123	12	600/469.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:47
S124	227	600/467.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:48
S125	4559	S118 S119 S120 S121 S122 S123 S124	US-PGPUB; USPAT	OR	OFF	2009/05/21 13:49
S126	276262	ultraso\$9	US-PGPUB; USPAT	OR	OFF	2010/02/26 14:53
S127	1276	first with portion with vascula\$4	US-PGPUB; USPAT	OR	OFF	2010/02/26 14:53
S128	401	S126 and S127	US-PGPUB; USPAT	OR	OFF	2010/02/26 14:54
S129	0	first with portion with vascula\$4 with transmit \$4	US-PGPUB; USPAT	OR	OFF	2010/02/26 14:54

S130	2	first with portion with vascula\$4 with transmi\$5	US-PGPUB; USPAT	OR	OFF	2010/02/26 14:54
S131	269	first with portion with vessel with transmi\$5	US-PGPUB; USPAT	OR	OFF	2010/02/26 14:56
S132	302	first with portion with vessel with transmi\$5	US-PGPUB; USPAT	OR	ON	2010/02/26 14:56
S133	61	S126 and S132	US-PGPUB; USPAT	OR	ON	2010/02/26 14:56
S134	24	S126 same S132	US-PGPUB; USPAT	OR	ON	2010/02/26 14:59

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	187	first with portion with vessel with transmi\$5	USPAT; UPAD	OR	OFF	2010/08/17 14:30
L2	176	600/449.OCLS.	USPAT; UPAD	OR	OFF	2010/08/17 14:30
L3	0	1 AND 2	USPAT; UPAD	OR	OFF	2010/08/17 14:30
L4	0	1 and 2	USPAT; UPAD	OR	OFF	2010/08/17 14:30
L5	157061	ultraso\$9	USPAT; UPAD	OR	OFF	2010/08/17 14:30
L6	75645	vascula\$4	USPAT; UPAD	OR	OFF	2010/08/17 14:31
L7	254194	tissue	USPAT; UPAD	OR	OFF	2010/08/17 14:31
L8	5099	backscatter	USPAT; UPAD	OR	OFF	2010/08/17 14:31
L9	959400	transfer	USPAT; UPAD	OR	OFF	2010/08/17 14:31
L10	1	5 6 7 8 9 2	USPAT; UPAD	AND	OFF	2010/08/17 14:31
L11	116	5 6 7 8 9	USPAT; UPAD	AND	OFF	2010/08/17 14:31

8/17/2010 2:32:13 PM

C:\Documents and Settings\Nshahrestani\My Documents\EAST\Workspaces\10758477.wsp